

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,

BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

 as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

IB2004/052000

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ G06T \ G06F$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

A WEESE J ET AL: "SHAPE CONSTRAINED DEFORMABLE MODELS FOR 3D MEDICAL IMAGE SEGMENTATION" LECTURE NOTES IN COMPUTER SCIENCE, SPRINGER VERLAG, NEW YORK, NY, US, vol . 2082, 18 June 2001 (2001–06–18), pages 380–387, XP009027152 ISSN: 0302–9743 the whole document A US 6 201 543 B1 (GUPTA ALOK ET AL) 13 March 2001 (2001–03–13) abstract; ffigures 1–4,7 column 3, line 65 – column 4, line 62 column 6, line 50 – column 7, line 24 column 7, line 66 – column 8, line 17 —/— X Further documents are listed in the continuation of box C. * Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the International filing date of column 7, line 66 – column 8, line 17 -/ * Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance; the claimed invention relevance to the column 1 of the principle or theory unserlying the comment which may throw doubts on priority claim(e) or which is cold to establish the publication date of another of which is cold to establish the publication date of another of which is cold to establish the publication date of another of which is cold to establish the publication date of another of the same patent family 'Y' document referring to an oral disclosure, use, exhibition or other means 'P' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the International search 13 January 2005 Name and mailing address of the ISA Authorized officer	EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB							
A WEESE J ET AL: "SHAPE CONSTRAINED DEFORMABLE MODELS FOR 3D MEDICAL IMAGE SEGMENTATION" LECTURE NOTES IN COMPUTER SCIENCE, SPRINGER VERLAG, NEW YORK, NY, US, vol. 2082, 18 June 2001 (2001-06-18), pages 380-387, XP009027152 ISSN: 0302-9743 the whole document A US 6 201 543 B1 (GUPTA ALOK ET AL) 13 March 2001 (2001-03-13) abstract; figures 1-4,7 column 3, line 65 - column 4, line 62 column 6, line 50 - column 7, line 24 column 7, line 66 - column 8, line 17 -/ ** Special categories of cited documents: ** Occument defining the general state of the art which is not considered to be of particular relevance ** It document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) ** Occument which may throw doubts on priority claim(s) or other reactine reason (as specified) ** Occument which may throw doubts on priority claim(s) or other reactine reason (as specified) ** Occument of continuents are listed in the continuent or other reactine control of each specified to reach the document is taken alone other reachs reason (as specified) **Cocument of continuents are learned invention or other reachs reason (as specified) **Cocument of continuent which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other specified reason (as specified) **Cocument of continuent which may throw doubts on priority claim(s) or which is cited to establish the publication of the specified or other specifie								
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"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "Date of the actual completion of the International search "A" document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone videument of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone videument is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" document member of the same patent family Date of mailing of the international search report 21/01/2005 Name and mailing address of the ISA Authorized officer	χ Furth	er documents are listed in the continuation of box C.	Patent family members are listed i	in annex.				
13 January 2005 21/01/2005 Name and mailing address of the ISA Authorized officer	"A" documer conside "E" earlier di filing da "L" documer which is citation "O" docume other m "P" documer later the	nt defining the general state of the art which is not ered to be of particular relevance ocument but published on or after the international ate of the may throw doubts on priority claim(s) or so cited to establish the publication date of another or other special reason (as specified) on the referring to an oral disclosure, use, exhibition or means of the priority date claimed	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.					
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NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Herter, J	Name and m	European Patent Office, P.B. 5818 Patentíaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,						

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